

[](http://www.google.com.au/imgres?q=space+black+hole&hl=en&safe=active&as_st=y&biw=1280&bih=766&tbs=ift:jpg,sur:f&tbm=isch&tbnid=kOY15FHfOaLMfM:&imgrefurl=http://www.fotopedia.com/items/flickr-3248495098&docid=EQExQ5hpWzHiGM&imgurl=http://images.cdn.fotopedia.com/flickr-3248495098-hd.jpg&w=665&h=505&ei=bNBKT46MKYLDmQX9u6GmDg&z)My Report is mainly on black holes, suns and planets. I hope it will help you.

Black holes

When a star collapses it can either freeze in time or became a black hole. Young black holes are actually fussy eaters; they also are thrashing around when they are born.

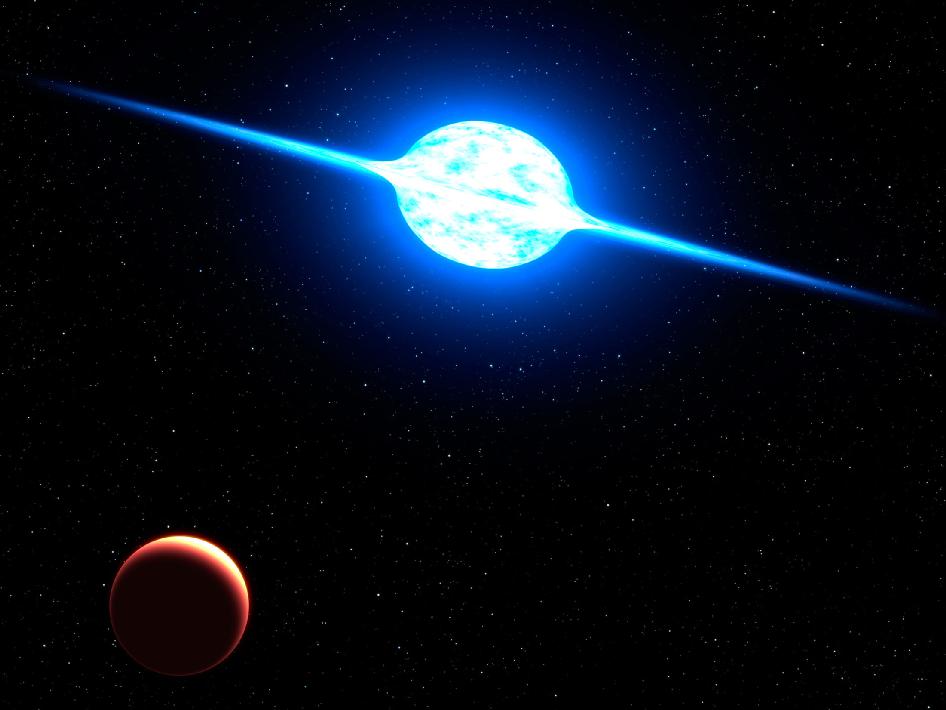
A Black hole’s gravity is so strong nothing can escape it, not even light.

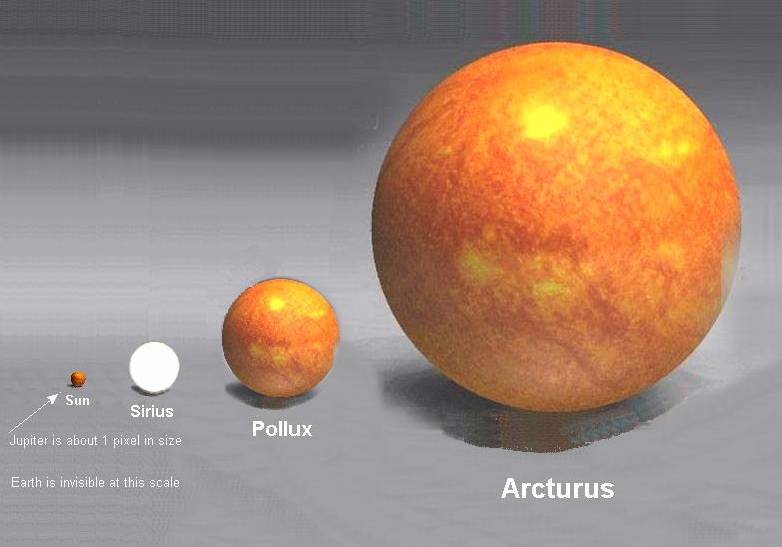
Suns

A sun is a huge ball of flaming gases, they create light for the planets.

Our sun is over 30 billion times bigger than earth.

When the sun erupts it is this big compared to earth.

When solar flare erupts it causes havoc on earth, It can cut out power, fire small meteors at us and break satellites.

This is the fastest spinning star found, faster than our sun it spins 100 times.

Our sun is the tiny compared to Arcturus. Our sun is that tiny one to the left.

Planets

A planet is a huge sphere shape with lots of gravity and in some cases life.

[](http://www.windows2universe.org/our_solar_system/dwarf_planets/images/dwarf_planet_sizes_big_jpg_image.html)The solar system used to have about 50 planets but after many collisions they turned into the moons we know today. Earth’s moon is actually a planet A quarter of the size of earth today that crashed into earth.

We actually have 5 dwarf planets, they are Pluto, Eris, Charon, Haumea and Dysnomia

, 2012, photo, NASA, accessed 13 March 2012, <http://www.nasa.gov/multimedia/imagegallery/iotd.html>.

**

*Dwarf planets*, 2011, Photo, Windows To The Universe, accessed 26 March 2012, <http://www.windows2universe.org/our\_solar\_system/dwarf\_planets/dwarf\_planets.html>.

*NASA* 2012, NASA, accessed 27 February 2012, <http://www.jpl.nasa.gov/>.

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| *Kids Astronomy* 2012, Kids Know it network, accessed 27 March 2012, <http://kidsastronomy.com/>. |
| *NASA* 2012, NASA, accessed 27 March 2012, <http://www.nasa.gov/>. |

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| *Fastest Spinning Star*, 2012, Photo, NASA, accessed 19 March 2012, <http://www.nasa.gov/multimedia/imagegallery/iotd.html>. |

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| *Fastest Spinning Star*, 2012, Photo, NASA, accessed 19 March 2012, <http://www.nasa.gov/multimedia/imagegallery/iotd.html>. |